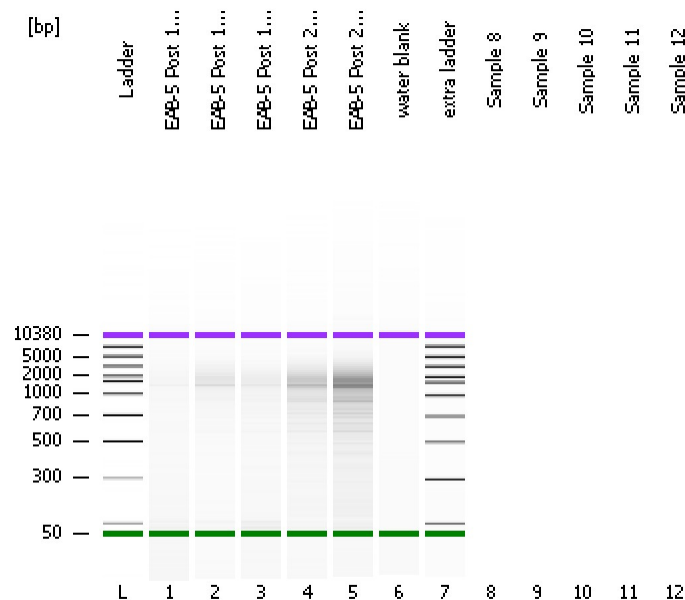


Assay Class: DNA 7500
Data Path: D:\...-31\2100 expert_DNA 7500_DE24802235_2011-05-31_16-57-44.xad

Created: 5/31/2011 4:57:43 PM
Modified: 5/31/2011 6:15:21 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: Ann's baby
Serial#: DE24802235
Firmware: C.01.069
Type: G2938B

Assay Information:

Assay Origin Path: D:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\DNA 7500 Series II.xsy

Assay Class: DNA 7500

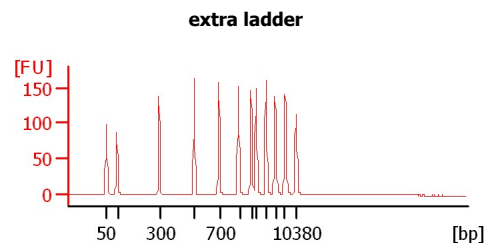
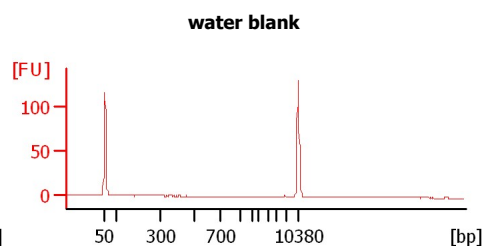
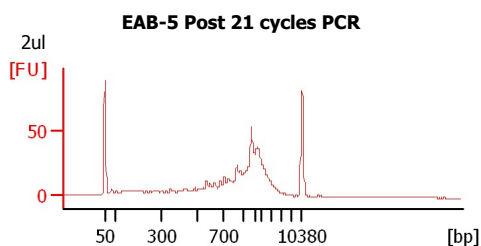
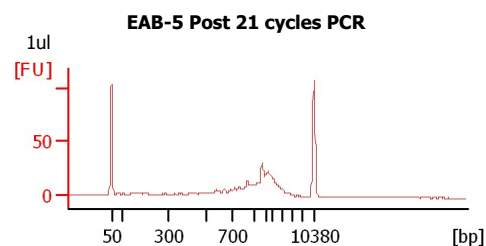
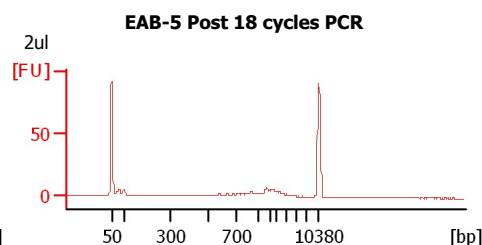
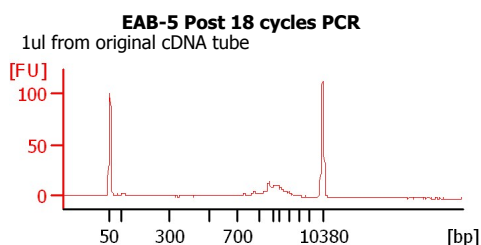
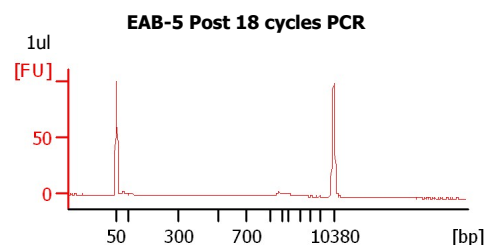
Version: 2.3

Assay Comments: DNA Analysis 100 -7500 bp

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Chip Information:

Chip Lot #:
Reagent Kit Lot #:
Chip Comments:



Assay Class: DNA 7500
Data Path: D:\...-31\2100 expert_DNA 7500_DE24802235_2011-05-31_16-57-44.xad

Created: 5/31/2011 4:57:43 PM
Modified: 5/31/2011 6:15:21 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
EAB-5 Post 18 cycles PCR	1ul	☐	✓			
EAB-5 Post 18 cycles PCR	1ul from original cDNA tube	☐	✓			
EAB-5 Post 18 cycles PCR	2ul	☐	✓			
EAB-5 Post 21 cycles PCR	1ul	☐	✓			
EAB-5 Post 21 cycles PCR	2ul	☐	✓			
water blank		☐	✓			
extra ladder		☐	✓			
Sample 8		☐				
Sample 9		☐				
Sample 10		☐				
Sample 11		☐				
Sample 12		☐				
Ladder		☐	✓			

Chip Lot #**Reagent Kit Lot #****Chip Comments :**

Assay Class: DNA 7500
Data Path: D:\...-31\2100 expert_DNA 7500_DE24802235_2011-05-31_16-57-44.xad

Created: 5/31/2011 4:57:43 PM
Modified: 5/31/2011 6:15:21 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 13
Minimum Visible Range [s] : 20
Maximum Visible Range [s] : 94
Start Analysis Time Range [s] : 20
End Analysis Time Range [s] : 93.95
Ladder Concentration [ng/μl] : 40
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [ng/μl] : 8.3
Upper Marker Concentration [ng/μl] : 4.2
Used Upper Marker for Quantitation
Standard Curve Fit is Point to Point
Show Data Aligned to Lower and Upper Marker

Integrator Settings

Integration Start Time [s] : 20
Integration End Time [s] : 93.95
Slope Threshold : 0.8
Height Threshold [FU] : 20
Area Threshold : 0.1
Width Threshold [s] : 0.5
Baseline Plateau [s] : 0.5

Filter Settings

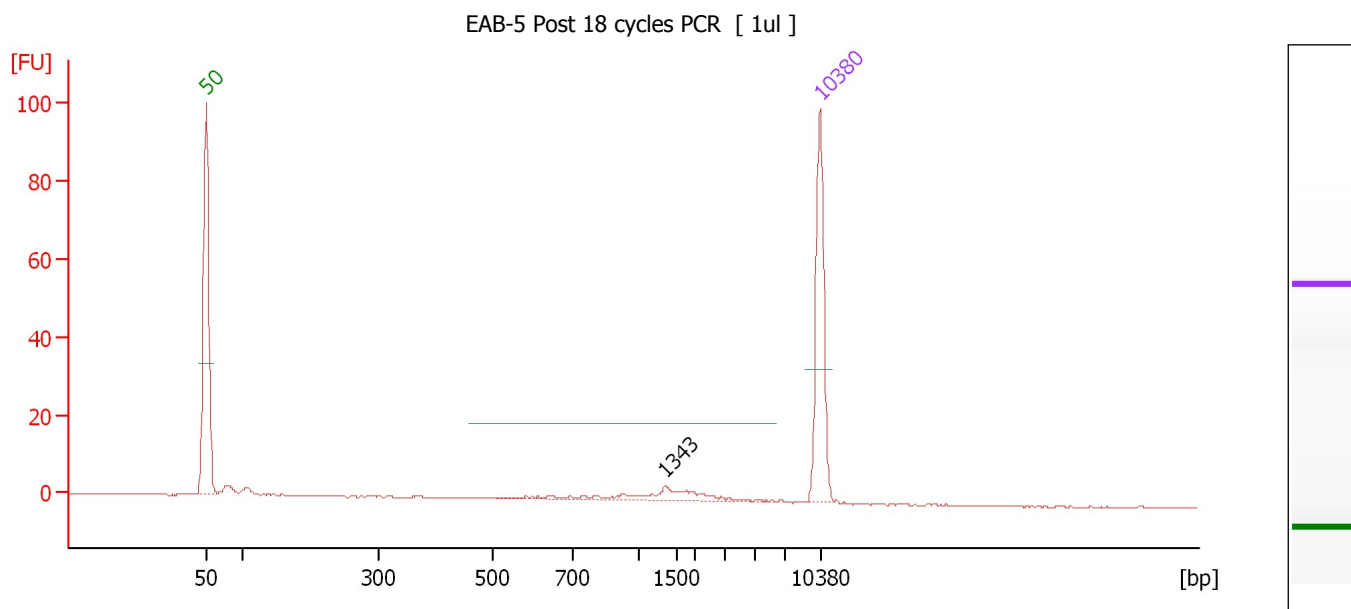
Filter Width [s] : 0.5
Polynomial Order : 4

Ladder

Ladder Peak	Size	Area
1	50	120
2	100	47
3	300	63
4	500	81
5	700	85
6	1000	93
7	1500	101
8	2000	101
9	3000	106
10	5000	108
11	7000	109
12	10380	107

Assay Class: DNA 7500
Data Path: D:\...-31\2100 expert_DNA 7500_DE24802235_2011-05-31_16-57-44.xad

Created: 5/31/2011 4:57:43 PM
Modified: 5/31/2011 6:15:21 PM

Electropherogram Summary**Overall Results for sample 1 : EAB-5 Post 18 cycles PCR**

Number of peaks found: 1

Peak table for sample 1 : EAB-5 Post 18 cycles PCR

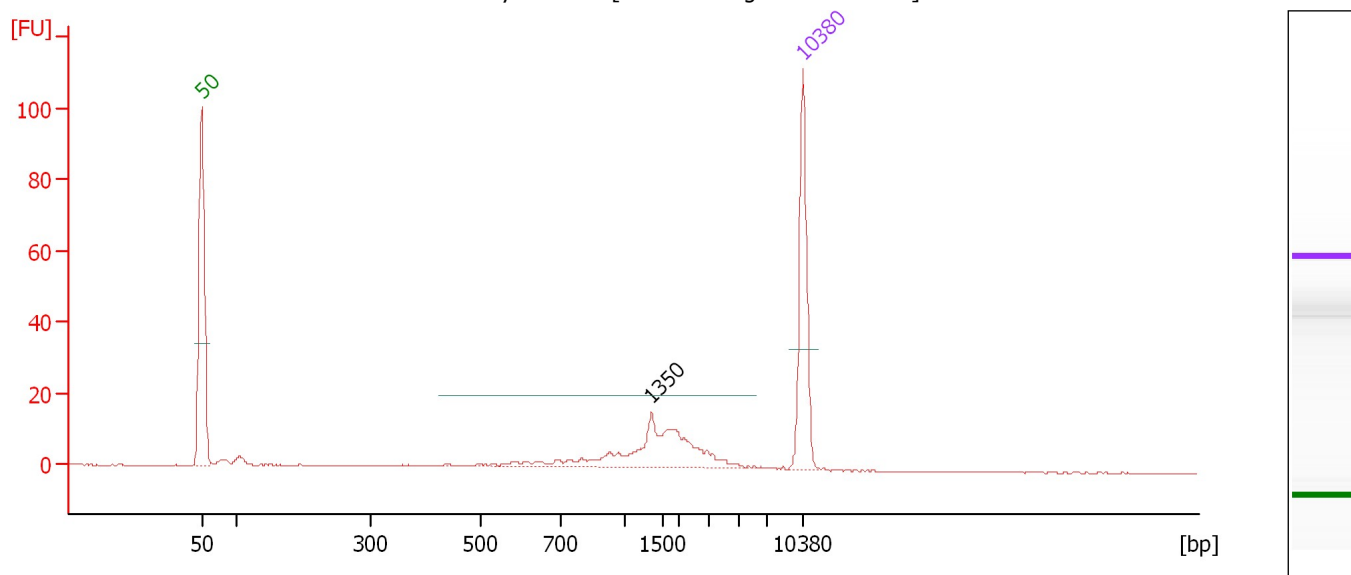
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	1,343	1.25	1.4	
3	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
Data Path: D:\...-31\2100 expert_DNA 7500_DE24802235_2011-05-31_16-57-44.xad

Created: 5/31/2011 4:57:43 PM
Modified: 5/31/2011 6:15:21 PM

Electropherogram Summary Continued ...

EAB-5 Post 18 cycles PCR [1ul from original cDNA tube]

**Overall Results for sample 2 : EAB-5 Post 18 cycles PCR**

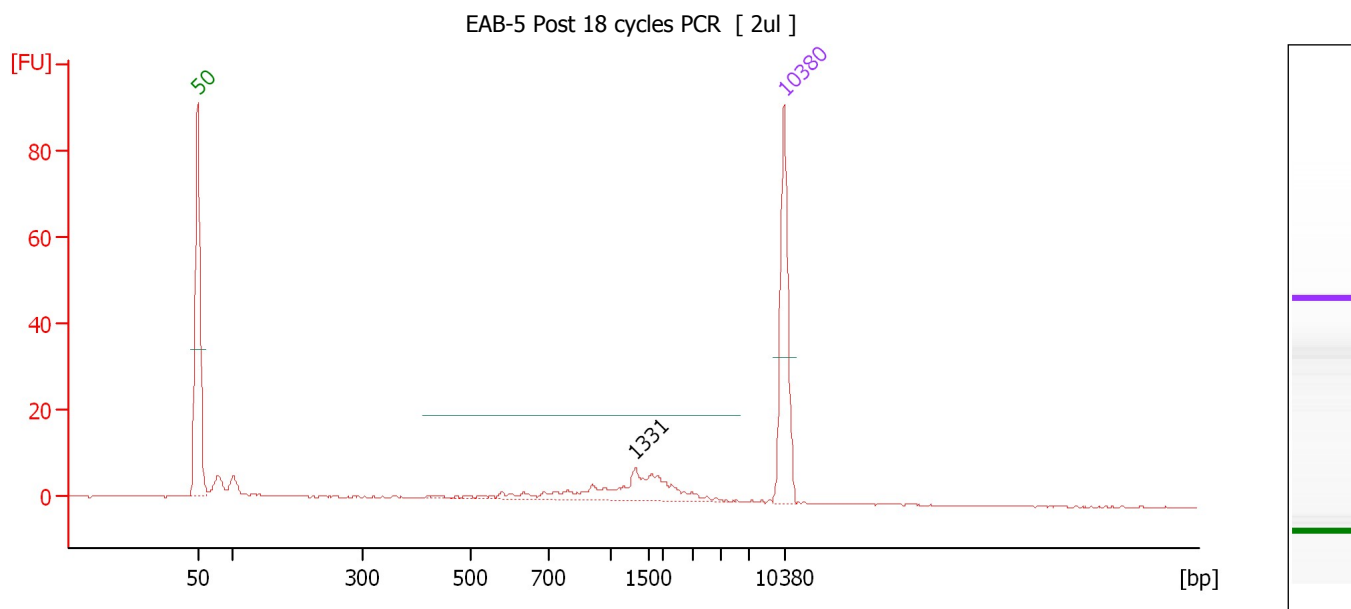
Number of peaks found: 1

Peak table for sample 2 : EAB-5 Post 18 cycles PCR

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	1,350	4.12	4.6	
3	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
Data Path: D:\...-31\2100 expert_DNA 7500_DE24802235_2011-05-31_16-57-44.xad

Created: 5/31/2011 4:57:43 PM
Modified: 5/31/2011 6:15:21 PM

Electropherogram Summary Continued ...**Overall Results for sample 3 : EAB-5 Post 18 cycles PCR**

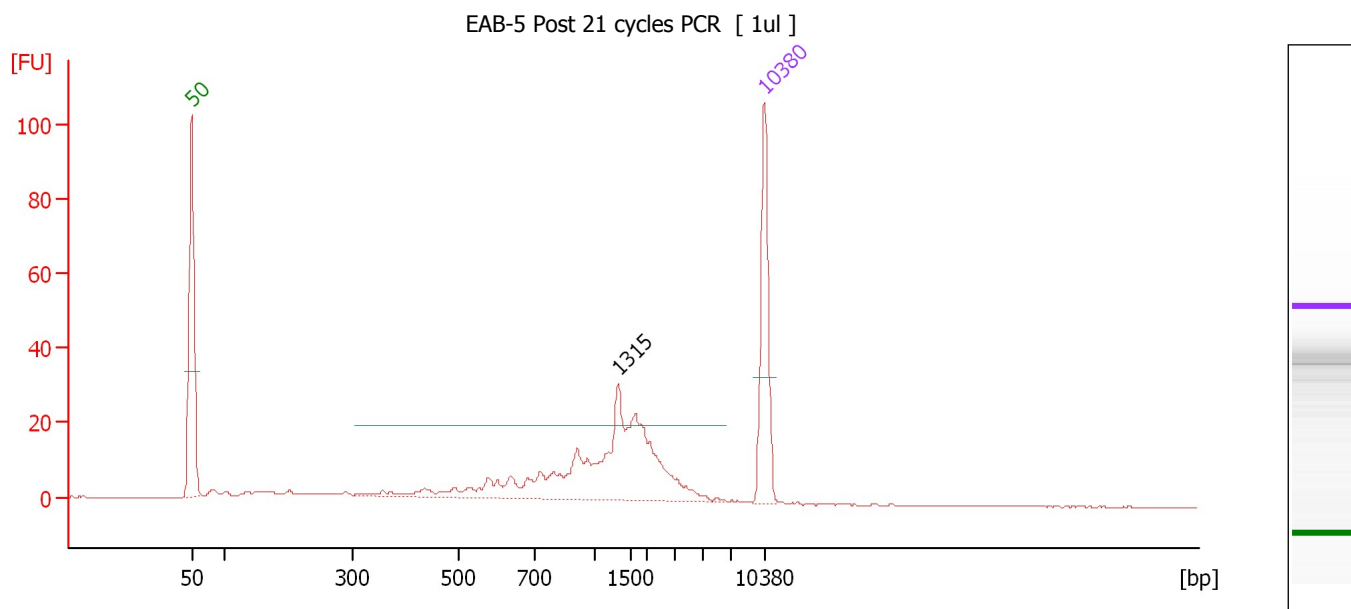
Number of peaks found: 1

Peak table for sample 3 : EAB-5 Post 18 cycles PCR

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	1,331	3.08	3.5	
3	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
Data Path: D:\...-31\2100 expert_DNA 7500_DE24802235_2011-05-31_16-57-44.xad

Created: 5/31/2011 4:57:43 PM
Modified: 5/31/2011 6:15:21 PM

Electropherogram Summary Continued ...**Overall Results for sample 4 : EAB-5 Post 21 cycles PCR**

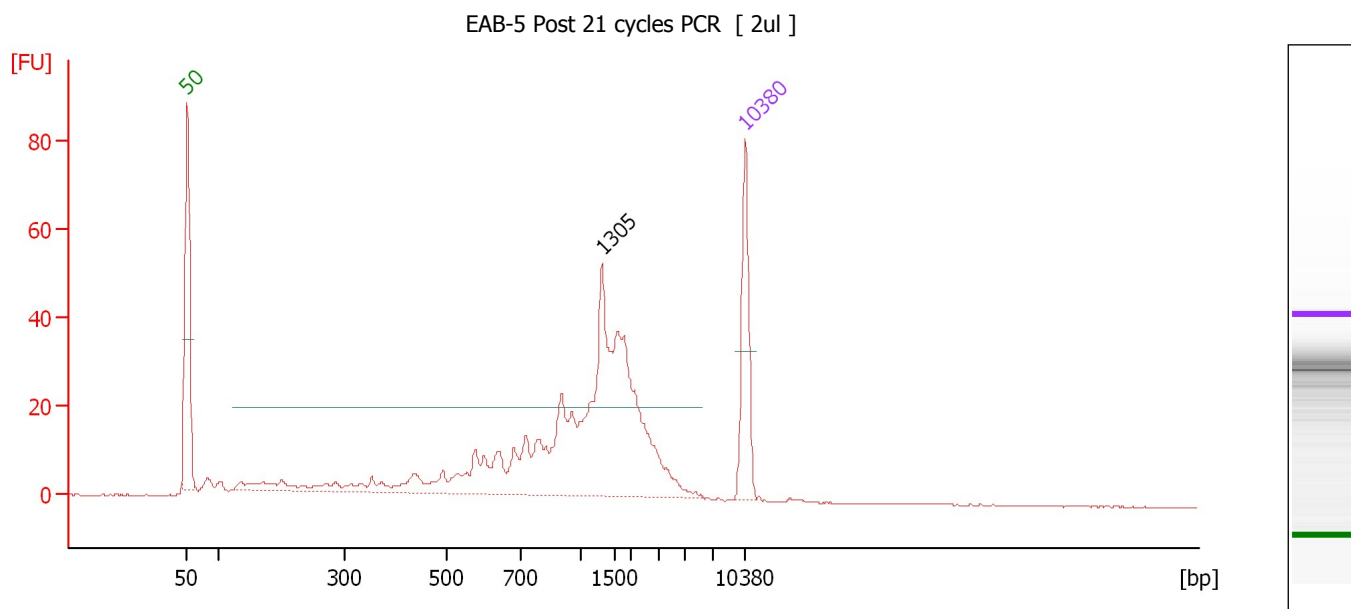
Number of peaks found: 1

Peak table for sample 4 : EAB-5 Post 21 cycles PCR

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	1,315	10.01	11.5	
3	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
Data Path: D:\...-31\2100 expert_DNA 7500_DE24802235_2011-05-31_16-57-44.xad

Created: 5/31/2011 4:57:43 PM
Modified: 5/31/2011 6:15:21 PM

Electropherogram Summary Continued ...**Overall Results for sample 5 : EAB-5 Post 21 cycles PCR**

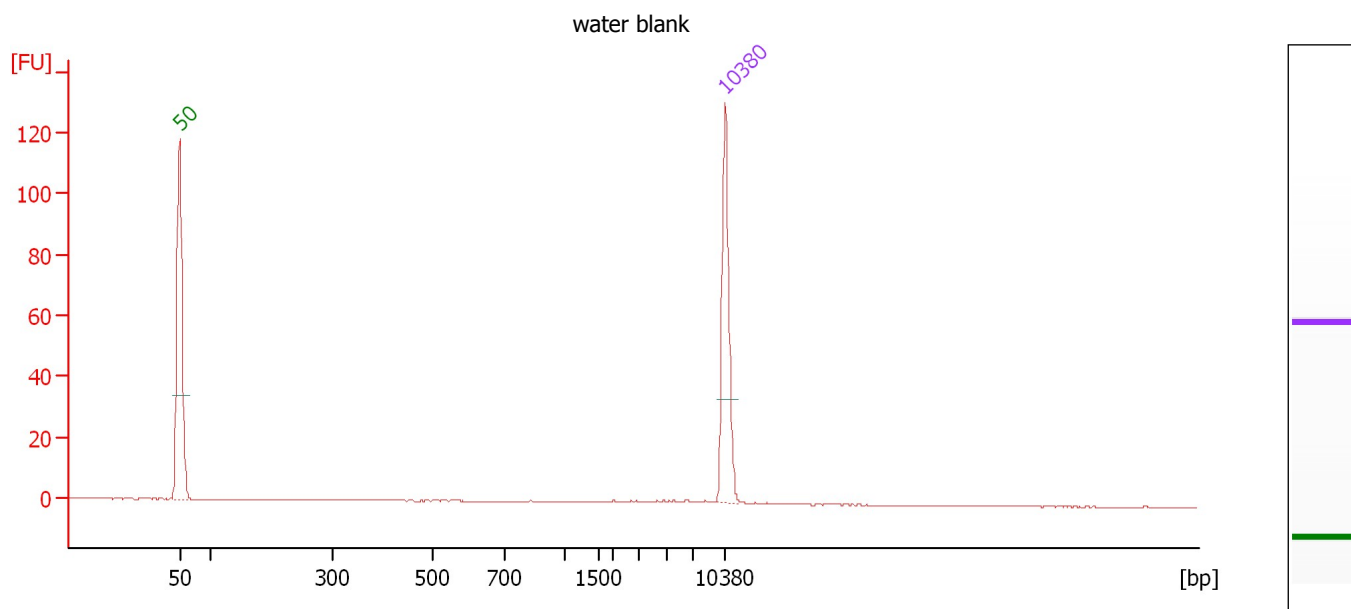
Number of peaks found: 1

Peak table for sample 5 : EAB-5 Post 21 cycles PCR

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	1,305	25.11	29.2	
3	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
Data Path: D:\...-31\2100 expert_DNA 7500_DE24802235_2011-05-31_16-57-44.xad

Created: 5/31/2011 4:57:43 PM
Modified: 5/31/2011 6:15:21 PM

Electropherogram Summary Continued ...**Overall Results for sample 6 : water blank**

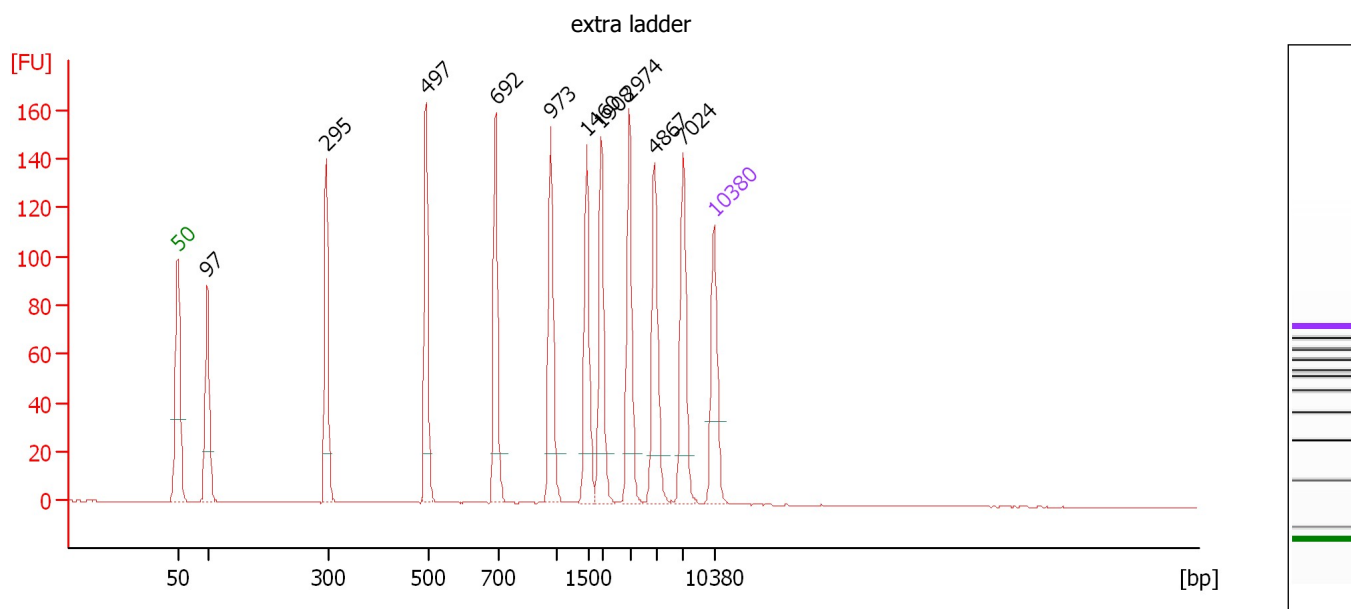
Number of peaks found: 0

Peak table for sample 6 : water blank

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
 Data Path: D:\...-31\2100 expert_DNA 7500_DE24802235_2011-05-31_16-57-44.xad

Created: 5/31/2011 4:57:43 PM
 Modified: 5/31/2011 6:15:21 PM

Electropherogram Summary Continued ...**Overall Results for sample 7 : extra ladder**

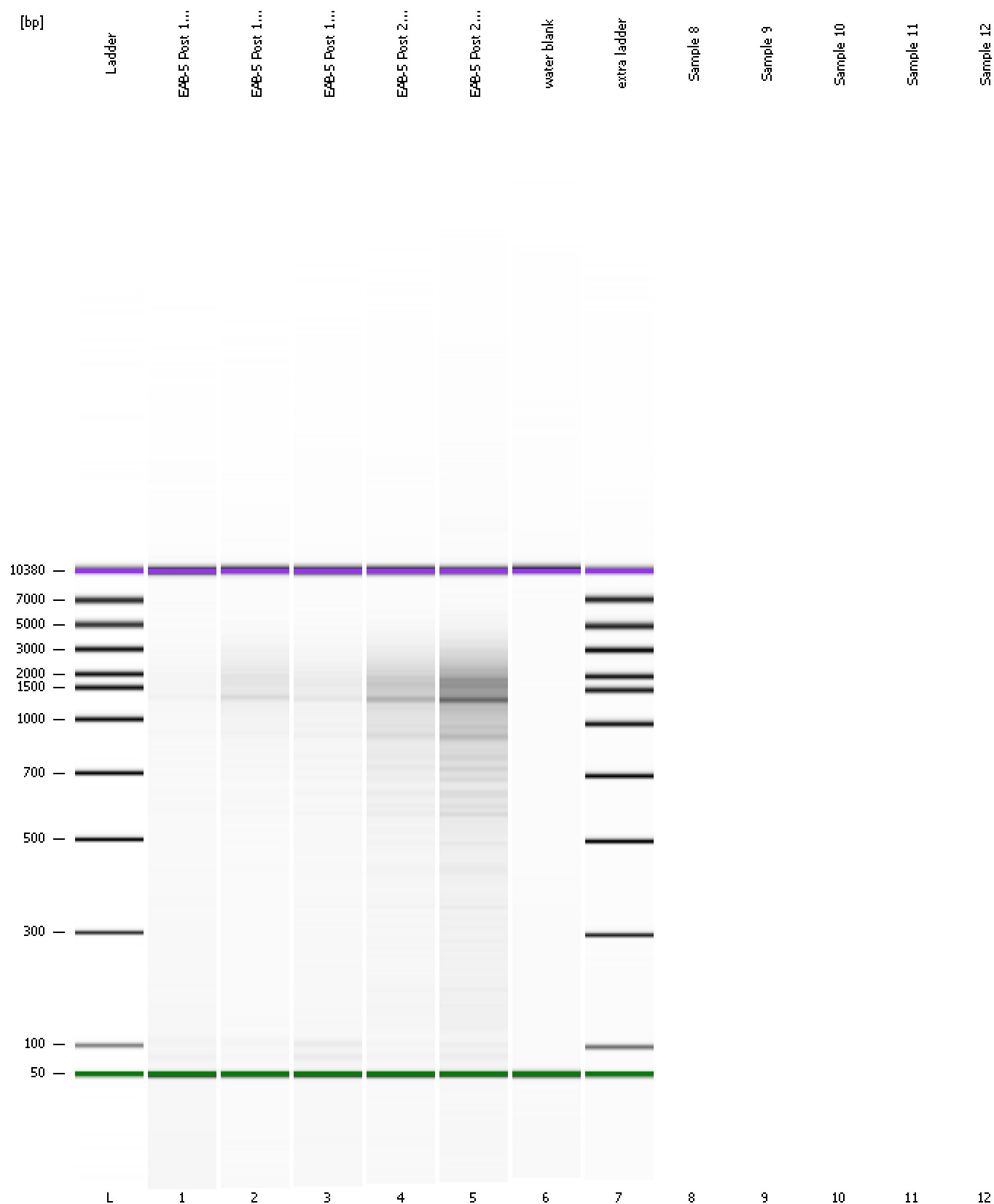
Number of peaks found: 10

Peak table for sample 7 : extra ladder

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	50	8.30	251.5	Lower Marker
2	97	4.87	76.0	
3	295	5.01	25.7	
4	497	4.73	14.4	
5	692	4.82	10.6	
6	973	4.73	7.4	
7	1,460	4.43	4.6	
8	1,908	4.39	3.5	
9	2,974	4.64	2.4	
10	4,867	4.68	1.5	
11	7,024	4.58	1.0	
12	10,380	4.20	0.6	Upper Marker

Assay Class: DNA 7500
Data Path: D:\...-31\2100 expert_DNA 7500_DE24802235_2011-05-31_16-57-44.xad

Created: 5/31/2011 4:57:43 PM
Modified: 5/31/2011 6:15:21 PM

Gel Image

Assay Class: DNA 7500
Data Path: D:\...-31\2100 expert_DNA 7500_DE24802235_2011-05-31_16-57-44.xad

Created: 5/31/2011 4:57:43 PM
Modified: 5/31/2011 6:15:21 PM

Invalid Samples

Sample 8 has not been run, no results available.

Sample 9 has not been run, no results available.

Sample 10 has not been run, no results available.

Sample 11 has not been run, no results available.

Sample 12 has not been run, no results available.